


### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on August 11, 2004.



  
Jerry Cohen  
Reg. No.: 20,522

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Michael E. MACK, *et al.*  
Serial No: 09/904,919  
Filed: July 13, 2001  
For: GAS CLUSTER ION BEAM SIZE DIAGNOSTICS AND WORKPIECE PROCESSING

Examiner: Lam S. NGUYEN  
Art Unit: 2853  
Confirmation No.: 4702

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To: Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

### **Supplemental Response (C) To Office Action Under 37 C.F.R. §1.111**

Sir:

This amendment follows up an August 11, 2004, telephone interview between Applicants' counsel and Examiner Nguyen related to the above-captioned U.S. patent application. Accompanying this submission is a terminal disclaimer to obviate a double-patenting rejection the Examiner informed Applicants' counsel would otherwise be forthcoming, and a check in the amount of \$110.00 covering the associated fee for filing the terminal disclaimer. No additional fees are believed necessary for submission and consideration of this response, however, if such fees are deemed necessary, they are authorized to be charged to our Deposit Account No. 03-2410, Order No. 11460-112.

Claims 1-35 are currently pending in the application. Applicants thank the Examiner for noting the allowability of claims 1-22 and 25-35, and the prospective allowability (following

submission of the enclosed terminal disclaimer) of claims 23 and 24. Two minor typographical errors in claim 32 are corrected by this response.

**Amendments to the claims** begin on **page 3**.

**Remarks** begin on **page 10**.